

Anti-NNT antibody [8B4BB10] ab110352

★★★★★ [2 Abreviews](#) [6 References](#) [画像数 5](#)

製品の概要

製品名	Anti-NNT antibody [8B4BB10]
製品の詳細	Mouse monoclonal [8B4BB10] to NNT
由来種	Mouse
特異性	Several customers have found that this antibody may not work well for mouse and rat samples.
アプリケーション	適用あり: IP, ICC/IF, IHC-P, WB, Flow Cyt
種交差性	交差種: Mouse, Rat, Cow, Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Normal Human skin fibroblasts (strain HDFn); Human cerebellum tissue; mitochondria from Human liver, Bovine heart, Rat liver and Mouse liver; HepG2 and HL-60 cells.
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
精製度	Proprietary Purification
特記事項(精製)	Produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. Purity >95% by SDS-PAGE.

ポリ/モノ	モノクローナル
クローン名	8B4BB10
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

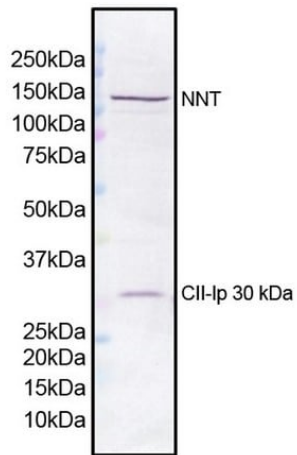
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab110352の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 5 µg/ml.
IHC-P		1/100. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use a concentration of 0.5 µg/ml. Predicted molecular weight: 114 kDa.
Flow Cyt		Use a concentration of 1 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	The transhydrogenation between NADH and NADP is coupled to respiration and ATP hydrolysis and functions as a proton pump across the membrane.
配列類似性	In the N-terminal section; belongs to the AlaDH/PNT family. In the C-terminal section; belongs to the PNT beta subunit family.
細胞内局在	Mitochondrion inner membrane.

画像

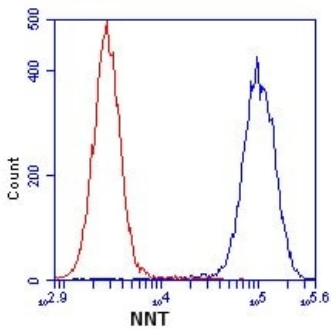


Western blot - Anti-NNT antibody [8B4BB10]
(ab110352)

Anti-NNT antibody [8B4BB10] (ab110352) at 0.5 $\mu\text{g/ml}$ + HepG2 whole cell lysate

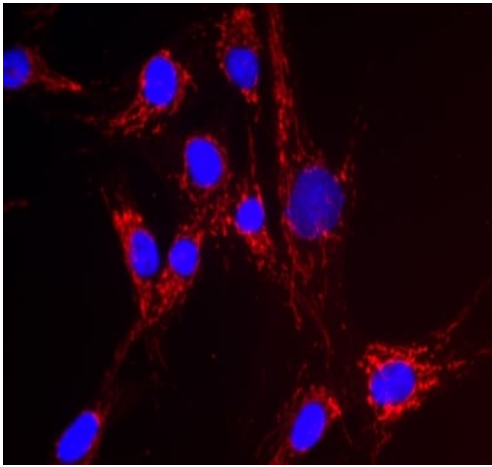
Predicted band size: 114 kDa

anti-Complex II 30kDa subunit has also been labeled as a control.



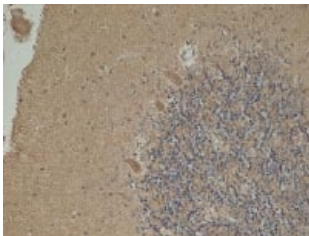
Flow Cytometry - Anti-NNT antibody [8B4BB10]
(ab110352)

HL-60 cells were stained with 1 $\mu\text{g/mL}$ NNT antibody (ab110352) (blue) or an equal amount of an isotype control antibody (red) and analyzed by flow cytometry.



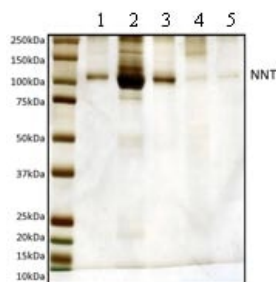
Immunocytochemistry/ Immunofluorescence - Anti-NNT antibody [8B4BB10] (ab110352)

Mitochondrial localization of NNT in cultured, normal Human skin fibroblasts (strain HDFn) labeled with anti NNT (ab110352) as the primary antibody and an AlexaFluor® 594 goat anti-mouse IgG1 secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NNT antibody [8B4BB10] (ab110352)

NNT immunohistochemistry in Human cerebellum visualized with ab110352 at 1/100. NNT immunoactivity is most intense in neuronal cell bodies, most notably in the large Purkinje cells.



Immunoprecipitation - Anti-NNT antibody [8B4BB10] (ab110352)

Nicotinamide nucleotide transhydrogenase (NNT) immunocaptured from Human liver mitochondria (lane 1), bovine heart mitochondria (lane 2), rat liver mitochondria (lane 3), mouse liver mitochondria (lane 4), and HepG2 cells (lane 5), using ab110352.

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